CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/SLE/W.No.14/2017-18 **Date:** 28.12.2017

Aggregate Impact Value

IS: 2386 Part IV

Client	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency	**M/s. Shri Lakshmi Enterprises,** Bangalore
Name of the Work	Improvements to cement Concrete Roads at Difence Colony in Bagalagunte in Ward No.14, BBMP, Bangalore.
Reference	EE/DD/WO/129/2017-18 Dated:18.12.2017
Type of Mix	Wet Mix macadam
Date of Testing	28.12.2017

Sl No.	Details	Trial No.			Average
		1	2	3	
1	Total weight of aggregate sample filling the cylindrical measure = W_1 g	375	377	379	
2	Weight of agregate passing 2.36 mm sieve after the test = W_2 g	88	90	91	
3	Weight of aggregate retained 2.36 mm sieve after the test = W_3 g	287	287	288	
4	Aggregate Impact value = percent fines 100* (W_2/W_1)%	23.47	23.87	24.01	**23.78**

Comments:

→ Maximum allowable Aggregate Impact value for Wet mix Macadam is 30%

Note:

→ This test report should not be reproduced except in full, without written approval of the laboratory
→ The results indicated above are based on the tests carried out on the samples received in the laboratory
→ Any Query regarding the report must be reported within 90 days from the date of testing.

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Job No.: CQCE/BBMP/SLE/W.No.14/2017-18 28.12.2017

DETERMINATION OF FLAKINESS INDEX & ELONGATION INDEX OF COARSE AGGREGATES

Client	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Agency	**M/s. Shri Lakshmi Enterprises,** Bangalore
Name of Work	Improvements to cement Concrete Roads at Difence Colony in Bagalagunte in Ward No.14, BBMP, Bangalore.
Reference	EE/DD/WO/129/2017-18 Dated:18.12.2017
Technical Reference	IS 2386(Part 1) 1963 (RA 2011)
Type of Mix	Wet Mix Macadam
Sample ID	WMM Layer
Date of Testing	28.12.2017

Result : Flakiness Index = **13.21%**

Elongation Index = **14.57%**

Result : Combined Flakiness & Elongation index **27.78%**

Comments:

Maximum allowable Flakiness & Elongation Index for Wet Mix Macadam is 30%

Note:

→ This test report should not be reproduced except in full, without written approval of the laboratory
→ The results indicated above are based on the tests carried out on the samples received in the laboratory
→ Any Query regarding the report must be reported within 15 days from the date of testing.

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Job No.: CQCE/BBMP/SLE/W.No.14/2017-18 Date : 28.12.2017

ATTERBERG LIMITS TEST FOR WMM
MORTH TABLE-400-11

Client : **Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.

Agency : **M/s. Shri Lakshmi Enterprises,** Bangalore

Name of Work : Improvements to cement Concrete Roads at Difence Colony in Bagalagunte in Ward No.14, BBMP, Bangalore.

Reference : EE/DD/WO/129/2017-18 Dated:18.12.2017

Date of Testing : 28.12.2017

Material Type : Wet Mix Macadam

As per MORTH Table 400-13

Sl. No.	Particulars	Test Results	Standards as per Specifications
1	Liquid Limit	23.50	-
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 90 days from the date of testing.

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